

IN THE CLAIMS:

Please cancel Claims 36-40, without prejudice, please add new Claims 41-45, and please amend Claims 21, 26, 29, and 32, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-20. (Canceled)

Claim 21. (Currently Amended) An apparatus, comprising:

at least one of an input device for inputting information regarding an individual and a receiver for automatically receiving information regarding an individual, wherein the information regarding an individual contains information regarding at least one of a diagnosis and a treatment plan, ~~a treatment associated with a diagnosis, and a procedure associated with a diagnosis;~~

a processing device, wherein the processing device processes the information regarding an individual and at least one of stores the information regarding an individual in a database or a memory device and updates a healthcare record

associated with the individual, and further wherein the processing device automatically generates information regarding an insurance claim, wherein the information regarding an insurance claim is suitable for being automatically submitted to a healthcare insurer or a healthcare payer; and

a transmitter for automatically transmitting the information regarding an insurance claim to a computer or a communication device associated with a the healthcare insurer or a the healthcare payer.

Claim 22. (Previously Presented) The apparatus of Claim 21, wherein the processing device processes information regarding a symptom or an examination finding regarding the individual, and further wherein the processing device generates a diagnostic report containing information regarding a diagnosis or a list of possible diagnoses.

Claim 23. (Previously Presented) The apparatus of Claim 22, wherein the diagnostic report contains information regarding at least one of a probability of occurrence and statistical information regarding the diagnosis or each diagnosis in the list of possible diagnoses.

Claim 24. (Previously Presented) The apparatus of Claim 22, wherein the processing device generates a treatment report containing information regarding a treatment for the diagnosis or each diagnosis in the list of possible diagnoses.

Claim 25. (Previously Presented) The apparatus of Claim 24, wherein the processing device generates the treatment report in conjunction with information regarding a drug interaction and a treatment interaction.

Claim 26. (Currently Amended) The apparatus of Claim 21, wherein the processing device processes information regarding ~~the~~ at least one of ~~a diagnosis,~~ a treatment associated with ~~a~~ the diagnosis, and a procedure associated with ~~a~~ the diagnosis, ~~and updates a healthcare record or file associated with the~~ individual.

Claim 27. (Previously Presented) The apparatus of Claim 22, wherein the diagnostic report contains information regarding at least one of a misdiagnosis, a treatment success, and a treatment failure.

Claim 28. (Previously Presented) The apparatus of Claim 24, wherein the treatment report contains information

regarding at least one of an herbal remedy or treatment, a self-healing remedy or treatment, and an exercise remedy or treatment.

Claim 29. (Currently Amended) The apparatus of Claim 21, wherein the processing device processes information regarding at least one of a treatment to be administered to the individual and a procedure to be performed on the individual, and further wherein the processing device determines whether the at least one of a treatment to be administered to the individual and a procedure to be performed on the individual is correct or incorrect, wherein the processing device generates a treatment response message containing information regarding whether the at least one of a treatment to be administered to the individual and a procedure to be performed on the individual is correct or incorrect, wherein the apparatus transmits the treatment response message to at least one of a computer and a communication device associated with a healthcare provider or a healthcare facility.

Claim 30. (Previously Presented) The apparatus of Claim 29, wherein the treatment response message contains information regarding at least one of a treatment, a procedure, treatment instructions, procedure instructions, treatment steps, and procedure steps.

Claim 31. (Previously Presented) The apparatus of Claim 21, wherein the insurance claim contains information obtained with at least one of a heart rate monitor or measurement device, a thermometer, a blood pressure monitor or measurement device, a blood analysis device or machine, a respiration monitoring or measurement device, a dialysis machine, an electrocardiograph (EKG) machine or device, an electrocephalograph (EEG) machine or device, an electromyograph (EMG) machine or device, a magnetic resonance imaging (MRI) machine or device, an X-ray machine or device, a thermal imaging machine or device, a laparoscopic device, an arthroscopic device, a catheter device, a sonogram imaging device, a sonograph device, an ultrasound imaging device, an ultrasound measurement device, a CAT SCAN device, a mammogram device, a carbon dioxide detection or measurement device, a carbon monoxide detection or measurement device, a transvascular impedance measurement or monitoring device, an ultrasonic imaging device, a bone conduction device, a brain function scan analyzer device, a fetal heart rate measurement, monitoring, or probing, device, an endotracheal cardiac monitoring device, a surgical instrument, a blood oxygen detection device, an esophageal probing device, a sphygmomanometer, a differential doppler device, a camera probing device, and a microscopic camera probing device.

Claim 32. (Currently Amended) The apparatus of Claim 21, wherein the information regarding ~~at least one of a diagnosis, a treatment associated with a diagnosis, and a procedure associated with a diagnosis,~~ the individual is transmitted to the processing device on or over at least one of the Internet and the World Wide Web.

Claim 33. (Previously Presented) The apparatus of Claim 21, further comprising:

a database, wherein the database contains healthcare records or medical histories associated with a plurality of individuals.

Claim 34. (Previously Presented) The apparatus of Claim 21, wherein the processing device processes information for scheduling an appointment with a healthcare provider.

Claim 35. (New) The apparatus of Claim 21, wherein the apparatus detects an occurrence of an event for which a healthcare provider is to be notified, wherein the processing device generates a notification message, and further wherein the apparatus transmits the notification message to a computer or a communication device associated with the healthcare provider in real-time.

Claim 36. (Previously Presented) The apparatus of Claim 21, wherein the apparatus detects an occurrence of an event for which a healthcare insurer or a healthcare payer is to be notified, wherein the processing device generates a notification message, and further wherein the apparatus transmits the notification message to a computer or a communication device associated with the healthcare insurer or the healthcare payer in real-time.

Claims 37-40. (Canceled)

Claim 41. (New) The apparatus of Claim 21, wherein the information regarding an individual contains a digital X-ray file.

Claim 42. (New) The apparatus of Claim 21, wherein the information regarding an individual contains a digital MRI file.

Claim 43. (New) The apparatus of Claim 21, wherein the information regarding an individual contains a digital CAT scan file.

Claim 44. (New) The apparatus of Claim 21, wherein the information regarding an individual contains video information or an image.

Claim 45. (New) The apparatus of Claim 21, wherein the information regarding an individual contains audio information and an image.